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Urban District Council of
Oswaldtwistle



ANNUAL REPORTS

1959

OF THE

Medical Officer of Health

AND OF THE

Public Health Inspector and
Cleansing Superintendent



.....

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Oswaldtwistle



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Health Committee

From April, 1959, to April, 1960

Councillor D. PETERS, Chairman

„ J. H. BARNES

„ R. E. BRIDGE

„ W. FINCH

„ J. W. HILL, J.P., C.C.

„ T. HILLMAN, J.P.

„ W. HOLDEN

„ J. J. LEE

„ T. E. LOMAX

„ W. F. METCALF, J.P., C.A.

„ E. W. PARKE

„ Mrs. V. E. PITTARD

„ C. WHITTLE

„ L. WALSH

„ E. YATES, J.P.

(Chairman of the Council)

Health Department

Medical Officer of Health:

FRANK W. PARE, M.R.C.S.(Eng.), L.R.C.P.(London).

Public Health Inspector ... C. MAYOR, M.R.S.H., M.A.P.H.I.

Clerk to the Health Department R. SULLIVAN

Foreman of Cleansing Department J. R. WARREN
(till November, 1959)

TOWN HALL,

OSWALDTWISTLE.

August, 1960.

To the Chairman and Members of the

Urban District of Oswaldtwistle.

Mr. Chairman, Madam, and Gentlemen,

I have the honour to present to you my Report on the Health and Sanitary Administration of Oswaldtwistle for the year ending December 31st, 1959. The report has been drawn up in accordance with Circular 19/56 issued by the Ministry of Health, December, 1956.

The various rates in this report are based upon the Registrar General estimate of the population for the mid-year 1959.

The Adjusted Death Rate (15.0) is higher than last year, and higher than the rate for the whole country, which was 11.6.

The Death Rate from Tuberculosis of the Respiratory system was Nil.

The Maternal Mortality Rate is Nil per 1,000 live births, and Nil per 1,000 total (live and still) births.

The Birth Rate is higher, being 16.2 per 1,000 and shows an increase of 2.5 on 1958, this compares favourably with the rate for England and Wales (16.5 per 1,000).

Two deaths occurred in infants under one year, giving an Infantile Mortality Rate 11.0 per 1,000 (live births); this is a decrease of 8.5 on the 1958 figure.

The Still Birth Rate, 5.5 per 1,000 (live and still births), is a decrease of 13.6 per 1,000 on that of 1958.

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The Report on the Water Supply and Sewage Disposal is discussed in Section C, the Housing Report in Section D, and in Section F the report on the Prevalence of, and Control over, Infectious and other Diseases.

I am indebted to the Public Health Inspector and the Clerk of the Health Department for their help during the year.

My thanks are due to the Chairman and Members of the Health Committee, the Clerk of the Council, the Accountant, Surveyor, and other Officials for their assistance to me in the work of the Public Health Department.

I am, Madam and Gentlemen,

Your obedient servant,

FRANK W. PARE,

Medical Officer of Health.

SECTION A.
STATISTICS AND SOCIAL CONDITIONS OF
THE AREA.

| | | | | | |
|--|-----|-----|-----|-----|----------|
| Area in Acres | ... | ... | ... | ... | 4,885 |
| Population (Census 1951) | ... | ... | ... | ... | 12,133 |
| „ (Estimated middle 1959) | ... | ... | ... | ... | 11,920 |
| Number of inhabited houses (according to Rate Book at the end of 1959) | ... | ... | ... | ... | 4,524 |
| Rateable Value | ... | ... | ... | ... | £114,732 |
| Sum represented by a penny Rate | ... | ... | ... | ... | £478 |

SOCIAL CONDITIONS AND CHIEF INDUSTRIES
IN THE AREA.

The occupations of the inhabitants of the township remain similar to those of previous years, namely, cotton spinning and weaving and chemical manufacturing. Some of the male population find employment in an adjoining area in textile machinery works.

A large proportion of the female inhabitants are employed in the cotton industry.

No particular occupation has been noted to have any special influence on the public health.

The population according to the Census of—

| | |
|---------------|----------------|
| 1801 was 2710 | 1871 was 10282 |
| 1811 „ 3512 | 1881 „ 12206 |
| 1821 „ 4960 | 1891 „ 13296 |
| 1831 „ 5897 | 1901 „ 14192 |
| 1841 „ 6643 | 1911 „ 15714 |
| 1851 „ 7654 | 1921 „ 15125 |
| 1861 „ 9246 | 1931 „ 14221 |
| | 1951 „ 12133 |

Houses Inhabited

| | | |
|------|-----|------|
| 1891 | ... | 2753 |
| 1901 | ... | 3067 |
| 1911 | ... | 3554 |
| 1921 | ... | 3676 |
| 1931 | ... | 3859 |
| 1951 | ... | 4269 |

Houses Uninhabited

| | | |
|------|-----|-----|
| 1891 | ... | 516 |
| 1901 | ... | 297 |
| 1911 | ... | 94 |
| 1921 | ... | 40 |
| 1931 | ... | 47 |
| 1951 | ... | — |

VITAL STATISTICS.

| | | | | | | | | |
|--------------|--------------|-----|-----|-----|-----------|---------|---------|---|
| Live Births | Legitimate | ... | ... | ... | Total | M | F | Birth Rate per 1,000 of the estimated resident population 15.3† |
| | Illegitimate | ... | ... | ... | 167 15 | 86 7 | 81 8 | |
| | Total | ... | ... | ... | 182 | 93 | 89 | |
| Still Births | ... | ... | ... | ... | 1 | 0 | 1 | Rate per 1,000 Total (live and still birth) Births ... 5.5 |
| Deaths | ... | ... | ... | ... | 181 | 92 | 89 | Death Rate per 1,000 of the estimated res. population, crude 15.2 adjusted 15.0* |

| Population, 11,920 | Per 1,000 of Population.(Adj.) | | Stillbirths Per 1,000 Total Births | Maternal Mortality Rate Per 1,000 Total Births | Infant Mortality Rate | | | |
|--|--------------------------------|----------------|--|--|--|--|------|-------|
| | Live Birth- rate | Death- rate | | | Total Rate Per 1,000 Live Births | Neo-natal rate per 1,000 Live Births | | |
| | | | | | | | | |
| Year—1958 | ... | ... | 13.7 | 14.7 | 19.1 | Nil | 19.5 | 19.5 |
| —1959 | ... | ... | 16.2 | 15.0 | 5.5 | Nil | 11.0 | 5.5 |
| Increase or decrease in 1959 on previous year | ... | ... | +2.5 | +0.3 | —13.6 | Nil | —8.5 | —14.0 |
| England and Wales ... | ... | ... | 16.5 | 11.6 | 20.7 | 0.38 | 22.0 | 15.8 |

* 1959 Adjusted Death-rate (comparability factor 0.99) = 15.0 per 1,000

† 1959 Adjusted Birth-rate (comparability factor 1.06) = 16.2 per 1,000

| CAUSES OF DEATH. | | M. | F. | Total |
|------------------|--|----|----|-------|
| 1 | Tuberculosis, respiratory | 0 | 0 | 0 |
| 2 | Tuberculosis, other | 0 | 0 | 0 |
| 3 | Syphilitic Disease | 0 | 0 | 0 |
| 4 | Diphtheria | 0 | 0 | 0 |
| 5 | Whooping Cough | 0 | 0 | 0 |
| 6 | Meningococcal infections | 0 | 0 | 0 |
| 7 | Acute poliomyelitis | 0 | 0 | 0 |
| 8 | Measles | 0 | 0 | 0 |
| 9 | Other infective & parasitic diseases | 0 | 0 | 0 |
| 10 | Malignant neoplasm, stomach | 7 | 1 | 8 |
| 11 | " " lung, | | | |
| | bronchus | 3 | 2 | 5 |
| 12 | " " breast | 0 | 8 | 8 |
| 13 | " " uterus | 0 | 1 | 1 |
| 14 | Other malignant & lymphatic | | | |
| | neoplasms | 4 | 8 | 12 |
| 15 | Leukaemia, aleukaemia | 0 | 1 | 1 |
| 16 | Diabetes | 1 | 0 | 1 |
| 17 | Vascular lesions of nervous system | 13 | 20 | 33 |
| 18 | Coronary disease, angina | 23 | 9 | 32 |
| 19 | Hypertension with heart disease ... | 1 | 3 | 4 |
| 20 | Other heart disease | 7 | 11 | 18 |
| 21 | Other circulatory disease | 4 | 6 | 10 |
| 22 | Influenza | 1 | 1 | 2 |
| 23 | Pneumonia | 3 | 3 | 6 |
| 24 | Bronchitis | 6 | 1 | 7 |
| 25 | Other diseases, respiratory system | 0 | 1 | 1 |
| 26 | Ulcer of stomach and duodenum... | 3 | 1 | 4 |
| 27 | Gastritis, enteritis and diarrhoea ... | 0 | 0 | 0 |
| 28 | Nephritis and nephrosis | 1 | 0 | 1 |
| 29 | Hyperplasia of prostate | 3 | 0 | 3 |
| 30 | Pregnancy, childbirth and abortion | 0 | 0 | 0 |
| 31 | Congenital Malformations | 0 | 0 | 0 |
| 32 | Other defined & ill-defined diseases | 10 | 9 | 19 |
| 33 | Motor Vehicle accident | 1 | 0 | 1 |
| 34 | All other Accidents | 0 | 2 | 2 |
| 35 | Suicide | 1 | 1 | 2 |
| 36 | Homicide and operations of war ... | 0 | 0 | 0 |
| TOTAL ... | | 92 | 89 | 181 |

| | | | |
|---------------------------------------|---|---|---|
| Deaths under one year. Legitimate ... | 2 | 1 | 3 |
| Illegitimate ... | 0 | 0 | 0 |

SECTION B.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

Public Health Officers of the Council.

Medical Officer of Health, Frank W. Pare, M.R.C.S., L.R.C.P.
Part time Officer. Salary contributed to.

Public Health Inspector, C. Mayor, M.R.S.H., M.A.P.H.I.
Certified Inspector of Meat and other Foods. Certified
Smoke Inspector. Whole time Officer. Salary contributed
to.

Laboratory Facilities.

Pathological and Bacteriological examinations are carried out
at the East Lancs. Royal Infirmary, Blackburn, with the exception
of sputum examination for Tuberculosis, these being examined at
the Chest Clinic, Blackburn Royal Infirmary.

Chemical analysis is carried out when required by the Public
Analyst, Burnley.

The following specimens were submitted for examination:—

| | | | | | |
|------------------------------|-----|-----|-----|-----|----|
| Milk for Tuberculosis | ... | ... | ... | ... | 8 |
| „ Methylene Blue and B. Coli | ... | ... | ... | ... | 28 |
| „ Phosphatase Test | ... | ... | ... | ... | 5 |
| „ Brusella Test | ... | ... | ... | ... | 26 |
| Water for bacteria | ... | ... | ... | ... | 19 |
| „ Chemical Analysis | ... | ... | ... | ... | 8 |

Ambulance Service.

The ambulance service is operated by the Lancashire County
Council from Station No. 2, No. 5 Health Division, at Accrington.

Professional Nursing in the Home.

(a) GENERAL NURSING.—Carried out by 2 District
Nurses under the District Nursing Association. Midwifery is not
undertaken by the Association.

(b) FOR INFECTIOUS DISEASES.—The nursing of such
cases as measles, pneumonia, puerperal sepsis, and ophthalmia
neonatorum, is carried out by the District Nurses.

CLINICS AND TREATMENT CENTRES.

Maternity and Child Welfare.

| | Situation | Accommodation | By whom pro'v'd |
|--------------|--|---------------|--|
| Chief Centre | Barnfield, Union Road, Oswaldtwistle | Ample | Owned by the County Council |
| | | | Meetings and Consultations every Tuesday afternoon. L.H.V. also attends daily during the week to inter- view mothers and give advice. |

OTHER CLINICS.

| | | | |
|--------------------|---|--|---|
| Day Nurseries | | None | |
| School Clinics | Barnfield, Oswaldtwistle | Eye, Ear and Dental and Minor Ailments Clinics | County Council |
| Tuberculosis | Chest Clinic, Blackburn Royal Infirmary | | County Council |
| Venereal Diseases | Blackburn Royal Infirmary | At the Out-patient Department | County Council |
| Orthopaedic Clinic | Rishton | | County Council |
| | | | Twice a week for males and twice a week for females. |

Hospitals.

(1) Tuberculosis ... Provided by the County Council.

(2) Maternity } None.
(3) Children }

(4) Fever } Cases are sent to Blackburn
Hospital when difficulty in
isolating at home arises.

(5) Other Hospitals available for the District:-

Blackburn Royal Infirmary.

Accrington Victoria Hospital.

Queen's Park Hospital, Blackburn.

Manchester Royal Infirmary.

Manchester Eye Hospital.

Blackburn Municipal Maternity Home.

Accrington Municipal Maternity Home.

Midwives.

There is one resident midwife, and others residing in adjoining districts cover part of the township. Domiciliary mid-wifery appears to be adequate, although hospital accommodation is limited. This service is under the control of the County Council and National Assistance Board.

SECTION C

Sanitary Circumstances of
the Area

Including the Report

OF THE

PUBLIC HEALTH INSPECTOR

SANITARY CIRCUMSTANCES OF THE AREA.

Water Supply.

The Township is supplied with water from the Council's own waterworks. The gathering grounds provide upland surface water to the four reservoirs, the holding capacity of which when full are as follows:—

| | | | | |
|------------------------|-----|-----|------------|---------|
| Jackhouse Reservoir | ... | ... | 58,000,000 | gallons |
| Cocker Cobbs Reservoir | ... | ... | 11,200,000 | gallons |
| Residuum Reservoir | ... | | 3,000,000 | gallons |
| Belthorn Reservoir | ... | .. | 800,000 | gallons |

Some years ago the Council installed a Pumping Station at Town Bent Pit; this considerably augments the water supply, and acts as a reserve in the event of any drought. The pump is capable of raising 25,000 gallons per hour.

The rainfall during the year is given in detail as follows:—

Rainfall from January 1st to December 31st, 1959.

| | | | | | |
|----------|-----|------|-----------|-----|-------|
| January | ... | 3.63 | August | ... | 0.76 |
| February | ... | 0.90 | September | ... | 0.44 |
| March | ... | 2.84 | October | ... | 5.73 |
| April | ... | 4.01 | November | ... | 7.06 |
| May | ... | 1.42 | December | ... | 10.60 |
| June | ... | 3.82 | | | |
| July | | 4.41 | | | 45.62 |

The greatest rainfall in a month since January, 1882, was 17.92 inches in September, 1918, and the lowest 0.15 inches in June, 1925. The highest rainfall in 1959 was during the month of December. The total rainfall last year was 57.24 inches.

Water Samples.

The quantity and quality of the Council's water during the year appears to have been satisfactory.

Twenty-seven samples of water were examined, 10 of these being from the Council's own water going into supply. Nineteen samples were submitted for bacteriological examination and eight for chemical analysis. The water is not liable to plumbo-solvency action.

| | |
|---|--------|
| No. of dwelling houses supplied from public water mains direct to houses | 4,478 |
| No. of inhabitants in these houses ... | 11,670 |

There are no houses supplied from the public water mains by means of standpipes.

There are approximately 135 houses on private water supplies, the number of inhabitants of these houses being 250.

Results of Bacteriological Examination and
Chemical Analysis of Water Samples.

| | Bacteriological Examinations | | | Chemical Examinations | | |
|--|------------------------------|-----------------------|-------------------------|-----------------------|-----------------------|-------------------------|
| | RESULTS | | | RESULTS | | |
| Public Supply | No. | No. Satis- factory | No. Unsatis- factory | No. | No. Satis- factory | No. Unsatis- factory |
| Raw Water | 2 | 2 | 0 | 0 | 0 | 0 |
| Water going into supply after treatment | 10 | 10 | 0 | 7 | 7 | 0 |
| Private Supplies | | | | | | |
| Raw Water | 7 | 4 | 3 | 1 | 1 | 0 |

Drainage and Sewerage.

There was no extension of the sewerage system during the year. The sewerage is treated at the Council's Aspen Sewage Works, which is of modern design, and the treatment is biological. The village of Belthorn has a separate sewage disposal works on the same principle, and the Knuzden and Peel Fold Sewage is dealt with by the Blackburn County Borough.

The districts of Cross Edge and Duckworth Hall are without a proper sewage system.

Rivers and Streams.

There are two main streams flowing through the district, the Tinker and Smithy Brooks. In the latter case a chemical works discharge their effluent thereto, and although this effluent is generally known as "neutral", there is no escaping the fact that on many occasions there is a distinct chemical odour given off the bed of the stream. This effluent may in the near future be taken into the Council's sewage system.

Closet Accommodation.

The closet conversion scheme has continued during the year, and the particulars regarding the number of waste water closets and pail closets to fresh water is given elsewhere in the report.

Shops Act, 1950.

Shops were inspected under the above Act. There were no contraventions as regards ventilation and temperature or sanitary accommodation.

Camping Sites.

There are no licensed camping sites in the district, although one piece of open ground, in the centre of the town, has been used for this purpose for over 30 years. Travelling salesmen station their vans thereon for varying periods. Sanitary accommodation is provided by three water closets, and water is derived from a standpipe.

Clean Air Act, 1956.

Dark Smoke (Permitted Periods) Regulations, 1958.

The above Regulations replaced the existing Bye-laws regarding the emission of Black Smoke on the 1st June, 1958.

Twenty-six observations were made during the year, 6 of which shewed excessive emissions. The firms concerned were notified and there was a subsequent improvement.

In general the co-operation of industrialists has been satisfactory, there being a genuine desire on their part to fulfil the obligations required at law, and an acceptance of the social responsibilities involved.

During the year one firm installed mechanical firing equipment, and in some other cases the question of additional equipment is being actively considered.

The Building Bye-laws now require all new domestic buildings to be equipped with fire-grates capable of burning smokeless fuels.

| | |
|--|----|
| No. of factory chimneys in the district | 23 |
| No. of factory units mechanically fired | 12 |
| No. of factory units hand fired with solid smokeless fuels | 3 |
| No. of factory units oil fired | 1 |
| No. of factory units hand fired with bituminous coal | 7 |
| No. of observations taken | 26 |
| No. of observations unsatisfactory | 6 |

Swimming Baths and Pools.

There are no swimming baths or pools within the district.

Schools.

These are adequately dealt with by the School Medical Officer of the Lancashire County Council.

Routine inspection of school children is carried out by the School Medical Officer of Health, and when necessary by the District Medical Officer of Health. The School M.O.H. and District M.O.H. co-operate with regard to school closure in the prevention of the spread of infectious disease. Contacts of infectious disease are excluded from school.

Sanitary Inspections during 1959.

| | |
|------------------------------------|-------|
| No. of premises visited | 1,800 |
| Defects or nuisances discovered | 540 |
| Defects or nuisances abated | 630 |

No. of notices served:—

| | |
|----------------------|----|
| (a) Informal | 97 |
| (b) Statutory | 4 |

Classification of Inspections.

| | |
|--|-----|
| Housing—Public Health Act (Primary Inspections)... | 57 |
| or Housing Acts | |
| „ (Re-inspections) | 72 |
| Drainage | 251 |

| | | | | | | | |
|-----------------------------------|-----|-----|-----|-----|-----|-----|-----|
| Refuse Bins | ... | ... | ... | ... | ... | ... | 48 |
| „ (Re-inspections) | ... | ... | ... | ... | ... | ... | 118 |
| Infectious Diseases | ... | ... | ... | ... | ... | ... | 38 |
| Factories | ... | ... | ... | ... | ... | ... | 31 |
| Dairies and Cowsheds | ... | ... | ... | ... | ... | ... | 35 |
| Food preparation premises | ... | ... | ... | ... | ... | ... | 87 |
| Bakehouses | ... | ... | ... | ... | ... | ... | 12 |
| Tips | ... | ... | ... | ... | ... | ... | 90 |
| Miscellaneous | ... | ... | ... | ... | ... | ... | 160 |
| Shops | ... | ... | ... | ... | ... | ... | 176 |
| Rodent Control | ... | ... | ... | ... | ... | ... | 707 |
| Smoke Abatement | ... | ... | ... | ... | ... | ... | 70 |
| Street Cleansing | ... | ... | ... | ... | ... | ... | 219 |
| Milk Sampling | ... | ... | ... | ... | ... | ... | 41 |
| Water Sampling | ... | ... | ... | ... | ... | ... | 26 |
| Ice Cream Sampling | ... | ... | ... | ... | ... | ... | 0 |
| Conversions of W.W.C.'s to W.C.'s | ... | ... | ... | ... | ... | ... | 86 |
| Conversion of Pails to W.C.'s | ... | ... | ... | ... | ... | ... | 5 |
| Petroleum Acts | ... | ... | ... | ... | ... | ... | 15 |
| Rent Act | ... | ... | ... | ... | ... | ... | 48 |
| Food Poisoning | ... | ... | ... | ... | ... | ... | 39 |

Nuisances and Defects Discovered and Abated.

| | Discovered | Abated |
|-----------------------|------------|--------|
| Defective roofs | 8 | 4 |
| Eavesgutters | 6 | 4 |
| Defective outer walls | 1 | 1 |
| „ ceiling plaster | 3 | 8 |
| „ wall plaster | 7 | 6 |
| „ refuse bins | 55 | 112 |
| Choked drains, etc. | 392 | 392 |
| Defective floors | 2 | 2 |
| „ chimney stacks | 4 | 1 |
| „ W.C. compartments | 1 | 4 |
| „ Yard surfaces | 1 | 1 |
| „ Outbuildings | 2 | 1 |
| „ Waste-pipes | 0 | 1 |
| „ Roofs | 8 | 4 |
| „ Sinks | 2 | 3 |
| „ Yard Walls | 4 | 0 |
| „ Handrails | 1 | 1 |
| „ Yard Doors | 1 | 0 |

| | | | |
|----------------------------------|----|-----|----|
| Defective fireplaces | 6 | ... | 4 |
| „ doors and door frames ... | 7 | ... | 4 |
| „ yard drains | 16 | ... | 16 |
| „ flues | 0 | ... | 1 |
| „ rainwater pipes | 1 | ... | 2 |
| „ pail closets | 0 | ... | 8 |
| Insanitary sinks | 2 | ... | 3 |
| Dampness | 1 | ... | 0 |
| Dirty premises | 4 | ... | 3 |
| W.W.C.'s converted to W.C.'s ... | 0 | ... | 86 |
| Pails converted to W.C.'s | 0 | ... | 5 |
| Accumulations | 3 | ... | 3 |

Closet Accommodation at end of 1959.

| | | | |
|--|-----|-----|------|
| No. of pail closets | ... | ... | 238 |
| No. of moveable ashbins for refuse ... | ... | ... | 5039 |
| No. of fresh water closets | ... | ... | 2968 |
| No. of waste water closets | ... | ... | 1658 |

Conversions.

During the
year 1959

No. of pail closets:—

To fresh water closets 5

No. of waste water closets to fresh water closets ... 86

Rodent Control—Prevention of damage by Pests Act, 1949.

This scheme has continued with success, the Rodent Operator being jointly employed by this Authority and Church U.D.C. until September, 1959. From that date a part-time Rodent Operator was employed by this Authority.

Treatments are carried out in accordance with the instructions of the Ministry of Agriculture, and below are indicated the number of treatments carried out during the year, involving 707 visits.

The sewage system and refuse tips received treatments, and the success of these treatments has a considerable bearing on the surface infestation of rats. A number of premise infestations have been traced to defective drains and in these cases the owners are required to make good the drains. Some persistent infestations are difficult to eradicate owing to the age of the sewers and drains serving the premises. The most one can apparently hope for in these cases is to constantly control the infestation pending times when capital expenditure can adequately deal with the main sewer system.

Infestation Treatments.

| | Private Premises. | Business Premises. |
|--------------------------|----------------------|-----------------------|
| Rats. | | |
| Number of Treatments ... | 34 | 52 |
| Mice. | | |
| Number of Treatments ... | 32 | 5 |

| | | |
|--|----|--|
| Sewer Treatments. | | |
| 1.—Full Maintenance Treatment, 13th Oct.—27th Oct., 1959 | | |
| Number of Manholes Treated ... | 95 | |
| Number of Complete Takes ... | 27 | |
| Number of Partial Takes ... | 30 | |

Chief Sanitary Requirements of District.

The necessity for securing the repair or demolition of unfit houses and improving the general standard of housing accommodation throughout the district.

Complete the conversion of pail closets in the village of Belthorn and wherever practicable.

The conversion of waste water closets.

The abatement of atmospheric pollution, with particular regard to industrial premises.

SECTION D — HOUSING.

Housing Statistics for the year 1959.

Number of new houses erected during the year---

| | Houses | Flats |
|------------------------------------|--------|-------|
| (1) By Local Authorities | 0 | 0 |
| (2) By other Local Authorities ... | 0 | 0 |
| (3) By other persons | 26 | 0 |

I—Inspection of dwelling-houses during the year.

| | | | |
|----|-----|--|-----|
| 1 | (a) | Total No. of dwelling-houses inspected formally or informally for housing defects (under Public Health or Housing Acts) | 57 |
| | (b) | Number of inspections, formal or informal, made for the purpose | 129 |
| 2 | | Dwelling-houses unfit for human habitation and not capable at reasonable expense of being rendered fit: | |
| | (a) | No. found during the year | — |
| | (b) | No. (or estimated No.) at end of year | 22 |
| 3. | | No of dwelling-houses found during the year to be not in all respects reasonably fit for human habitation but capable of being rendered fit | 54 |

II—Clearance Areas (Housing Act, 1936, and Housing Repairs and Rents Act, 1954).

| | | |
|---|--|---|
| 1 | No. of dwelling-houses demolished during the year: | |
| | (a) Unfit houses | 0 |
| | (b) Other houses | 0 |
| 2 | No. of persons displaced | 0 |

III—Houses not included in Clearance Areas.

1 Houses demolished or closed during year:

| | No. of Houses | Persons Displaced |
|---|------------------|----------------------|
| (a) Housing Act, 1936: | | |
| (i) Demolished as a result of formal or informal procedure (Sec. 11) | Nil | None |
| (ii) Closed in pursuance of an undertaking given by owners under Section 11 and is still in force | Nil | None |
| (iii) Parts of building closed (Section 12) | Nil | None |
| (b) Housing Act, 1949: | | |
| (i) Closed as a result of closing orders under Sections 3(1) and 3(2) | Nil | None |
| (c) Local Government (Miscellaneous Provisions) Act, 1953: | | |
| (i) Closed as a result of closing orders under Sections 10(1) and 11(2) | Nil | None |

2 Repairs during the year:

| | No. of houses |
|--|------------------|
| (a) Unfit houses rendered fit and houses in which defects were remedied during the period as a result of informal action by the local authority under the Housing or Public Health Acts ... | 41 |
| (b) Public Health Acts — action after service of formal notice — Houses on which defects were remedied:— | |
| (i) by owners | 6 |
| (ii) by local authority in default of owners ... | 0 |
| (c) Housing Act, 1936 — action after service of formal notice (Sections 9, 10, 11 and 16): Houses made fit: | |
| (i) by owners | 0 |
| (ii) by local authority in default of owners ... | 0 |
| (d) Housing Repair and Rents Act, 1954: Houses reconstructed, enlarged or improved and Demolition Orders revoked (Section 5) ... | 0 |

| | | |
|---|--|---|
| 1 | No. of houses at end of year retained for temporary accommodation and approved for grant under Sec. 7. | 0 |
| 2 | No. of separate dwellings contained in (1) above ... | 0 |
| 3 | No. of houses at end of year licensed for temporary occupation (Section 6) | 0 |

Part I—Applications for Certificates of Disrepair.

| | | |
|---|---|-----|
| 1 | Number of applications for certificates | 12 |
| 2 | Number of decisions not to issue certificates | 1 |
| 3 | Number of decisions to issue certificates:— | |
| | (a) In respect of some, but not all defects | 4 |
| | (b) In respect of all defects | 7 |
| 4 | Number of undertakings given by landlord under paragraph 5 of the First Schedule | 9 |
| 5 | Number of undertakings refused by the Local Authority under proviso to paragraph 5 of the First Schedule | Nil |
| 6 | Number of certificates issued | Nil |

| | | | | |
|----|---|-----|-----|-----|
| 7 | Applications for cancellation of certificates | ... | ... | 1 |
| 8 | Objections by occupiers to cancellation | ... | ... | 1 |
| 9 | Decisions by Local Authority to cancel certificates | ... | | Nil |
| 10 | Number of certificates cancelled | ... | ... | Nil |

INSPECTION AND SUPERVISION OF FOOD

The milk produced or brought into the district is on the whole of good quality.

| | No. | Satisfactory | Unsatisfactory |
|-----------------------|-----|--------------|----------------|
| Graded Milk. | | | |
| Methylene Blue Test | 17 | 14 | 3 |
| B. Coli | 11 | 5 | 6 |
| B. Tuberculosis ... | 8 | 8 | — |
| Brucella | 26 | 19 | 7 |
| Phosphatase | 5 | 5 | — |
| Ungraded Milk. | | | |

The Milk (Special Designations) (Raw Milk) Regulations, 1949—1954.

No. of dealers' licences issued during 1959 in respect of:—

| | | | | |
|----------------------------------|-----|-----|-----|----|
| Tuberculin Tested (distribution) | ... | ... | ... | 21 |
|----------------------------------|-----|-----|-----|----|

Milk (Special Designations) (Pasteurised and Sterilised Milk) Regulations, 1949-1953.

No. of licences issued in respect of "heat treated" milk:—

| | | | | | |
|----------------------------|-----|-----|-----|-----|----|
| Pasteurised (distribution) | ... | ... | ... | ... | 17 |
| Sterilised (distribution) | ... | ... | ... | ... | 49 |

Ice-Cream (Heat Treatment, etc.) Regulations, 1947-52.

There are 66 premises registered for the manufacture or sale of ice-cream as follows:—

Premises registered for manufacturing ice-cream:—

| | | | | | | |
|--------------|-----|-----|-----|-----|-----|---|
| (1) Hot mix | ... | ... | ... | ... | ... | 3 |
| (2) Cold mix | ... | ... | ... | ... | ... | 0 |

| | | |
|--|-----|----|
| Premises registered for the retail sale of ice-cream | ... | 66 |
|--|-----|----|

Routine inspections were made in connection with these registered premises.

Meat and Other Foods.

All butchers' shops and food stores are visited and inspected regularly in accordance with the Food and Drugs Act, 1955. There are no meat stalls in the district.

Section 16, Food and Drugs Act, 1955.

The following table shows the number of premises on the register at the end of the year.

| | | | |
|--|-----|-----|----|
| Preparation rooms, butchers' shops, etc. | ... | ... | 27 |
| Bakehouses | ... | ... | 23 |
| Ice-cream premises | ... | ... | 66 |

Number of food premises, by type of business, in district at end of year.

| | |
|---|----|
| Greengrocers and fruiterers (inc. wet fish, game, etc.) | 16 |
| General grocers and provision dealers | 62 |
| Fishmongers (inc. poultry, game, etc.) | 1 |
| Meat shops (butchers, purveyors of cooked and pre-served meat, etc.) | 18 |
| Bakers and/or confectioners | 22 |
| Fried fish shops | 8 |
| Shops selling mainly sugar confectionery, minerals, ice cream, etc. | 29 |
| Licensed premises, clubs, canteens, restaurants, cafes, snack bars, etc. | 64 |
| Others | 3 |

Unsound Food.

The following foodstuffs have been condemned during the year as being unfit for human consumption.

| | | | | |
|-----------------|-----|-----|-----|---------|
| Dairy Cream | ... | ... | ... | 8 tins |
| Creamed Rice | ... | ... | ... | 2 „ |
| Salmon | ... | ... | ... | 4 „ |
| Luncheon Meat | ... | ... | ... | 8 „ |
| Vegetable Salad | ... | ... | ... | 2 „ |
| Chicken Soup | ... | ... | ... | 1 „ |
| Tomatoes | ... | ... | ... | 1 „ |
| Sardines | ... | ... | ... | 1 „ |
| Pilchards | ... | ... | ... | 1 „ |
| Milk | ... | ... | ... | 3 „ |
| Peas | ... | ... | ... | 9 „ |
| Fruit | ... | ... | ... | 25 „ |
| Stewed Steak | ... | ... | ... | 2 „ |
| Corned Beef | ... | ... | ... | 18 lbs. |
| Ox Tongue | ... | ... | ... | 18 „ |
| Chilled Beef | ... | ... | ... | 181 „ |
| Roast Shoulder | ... | ... | ... | 7½ „ |

Chemical and Bacteriological Examination of Food.

During the year 8 samples of milk were examined for the presence of Tubercle Bacilli. Forty-one samples were obtained for bacteriological examination, twenty-five of which were satisfactory.

Shell-fish (Molluscan).

No action was called for respecting the above, as only a small quantity are consumed within the district.

Food Poisoning.

One outbreak of food poisoning occurred during the early part of the year, the suspected food being consumed outside the district.

Sixteen people from various districts were affected, two being from Oswaltdwistle. None of the cases were fatal, and the causative agent was thought to be canned peas.

SECTION F.

PREVALENCE OF AND CONTROL OVER INFECTIOUS DISEASES.

Scarlet Fever.

During 1959 8 cases of Scarlet Fever were notified.

Diphtheria.

No cases were notified for the fourteenth year in succession. Immunisation of children is carried out by the Lancashire County Council at their Barnfield House Clinic.

Enteric (including Paratyphoid) Fever.

No cases were notified in 1959.

Measles, Whooping Cough, Chicken-pox, etc.

There were 27 cases of Measles and 1 case of Whooping Cough notified during the year.

Small-pox.

No cases of small-pox occurred during the year, and no action was necessary under the Small-pox Prevention Regulations, 1917.

Public Health (Infectious Disease) Regulations, 1927.

No cases of acute primary or acute influenzal pneumonia were notified during the year.

SECTION F.

Notifiable Diseases during the Year.

| Disease | Total Under cases 1 notified yr. | Total Deaths | | | | | | | | | |
|-----------------------------------|----------------------------------|--------------|----------|-----------|------------|------------|------------|------------|-----------|------------|---|
| | | 1-3 yrs. | 3-5 yrs. | 5-10 yrs. | 10-15 yrs. | 15-25 yrs. | 25-45 yrs. | 45-65 yrs. | 65 & over | age unkn'n | |
| Scarlet Fever ... | 8 | 1 | 1 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tuberculosis (Res.) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| „ Other | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Whooping Cough | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Measles ... | 27 | 7 | 11 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dysentery ... | 15 | 2 | 2 | 7 | 0 | 0 | 3 | 0 | 0 | 1 | 0 |
| Food Poisoning ... | 4 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 2 | 0 |
| Erysipelas ... | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Acute Pneumonia (Prim & Infl'zal) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ac. Poliomyelitis (Paralytic) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Totals ... | 57 | 11 | 14 | 20 | 2 | 2 | 4 | 1 | 0 | 3 | 0 |

Prevention of Blindness.

No action necessary during the year.

Cancer.

There were 34 deaths from Cancer during the year.

Tuberculosis.

New Cases and Mortality during 1959.

| Age periods | NEW CASES | | | | DEATHS | | | |
|----------------|-----------|---|---------------|---|-----------|---|---------------|---|
| | Pulmonary | | Non-Pulmonary | | Pulmonary | | Non-Pulmonary | |
| | M | F | M | F | M | F | M | F |
| years | | | | | | | | |
| 0-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1-2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2-5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5-10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10-15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15-20 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 20-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 45-55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 55-65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 65 upwds. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Totals | 0 | | 1 | | 0 | | 0 | |

Public Health (Tuberculosis) Regulations, 1952.

No. of cases of Tuberculosis remaining on the notification Register on 31st December, 1959:—

| Total Cases | Pulmonary | | | Non-Pulmonary | | |
|----------------|-----------|----|-------|---------------|----|-------|
| | M. | F. | Total | M. | F. | Total |
| 59 | 20 | 17 | 37 | 15 | 7 | 22 |

APPENDIX.

The administration of the Factories Act, 1937 and 1948, in connection with Factories, Workshops, Workplaces and Homework.

1. Inspections for purposes of provisions as to health.

| Premises | No. on Register | Inspections | Written Notices |
|--|-----------------|-------------|-----------------|
| (i) Factories under Sections 1, 2, 3, 4 and 6 | 34 | 6 | 0 |
| (ii) Factories not included in (i) above | 75 | 37 | 0 |
| (iii) Other Premises | 0 | 0 | 0 |
| Total | 109 | 43 | 0 |

2. Cases in which defects were found.

| Particulars | Found remedied | | Referred To H.M. By H.M. | |
|-----------------------------|----------------|---|-----------------------------|-------|
| | | | Insp. | Insp. |
| Sanitary Conveniences (S.7) | | | | |
| (a) Insufficient | 0 | 0 | 0 | 0 |
| (b) Unsuitable or defective | 0 | 0 | 0 | 0 |
| (c) Not separate for sexes | 0 | 0 | 0 | 0 |
| (d) Other offences | 0 | 0 | 0 | 1 |
| Total | 0 | 0 | 0 | 1 |

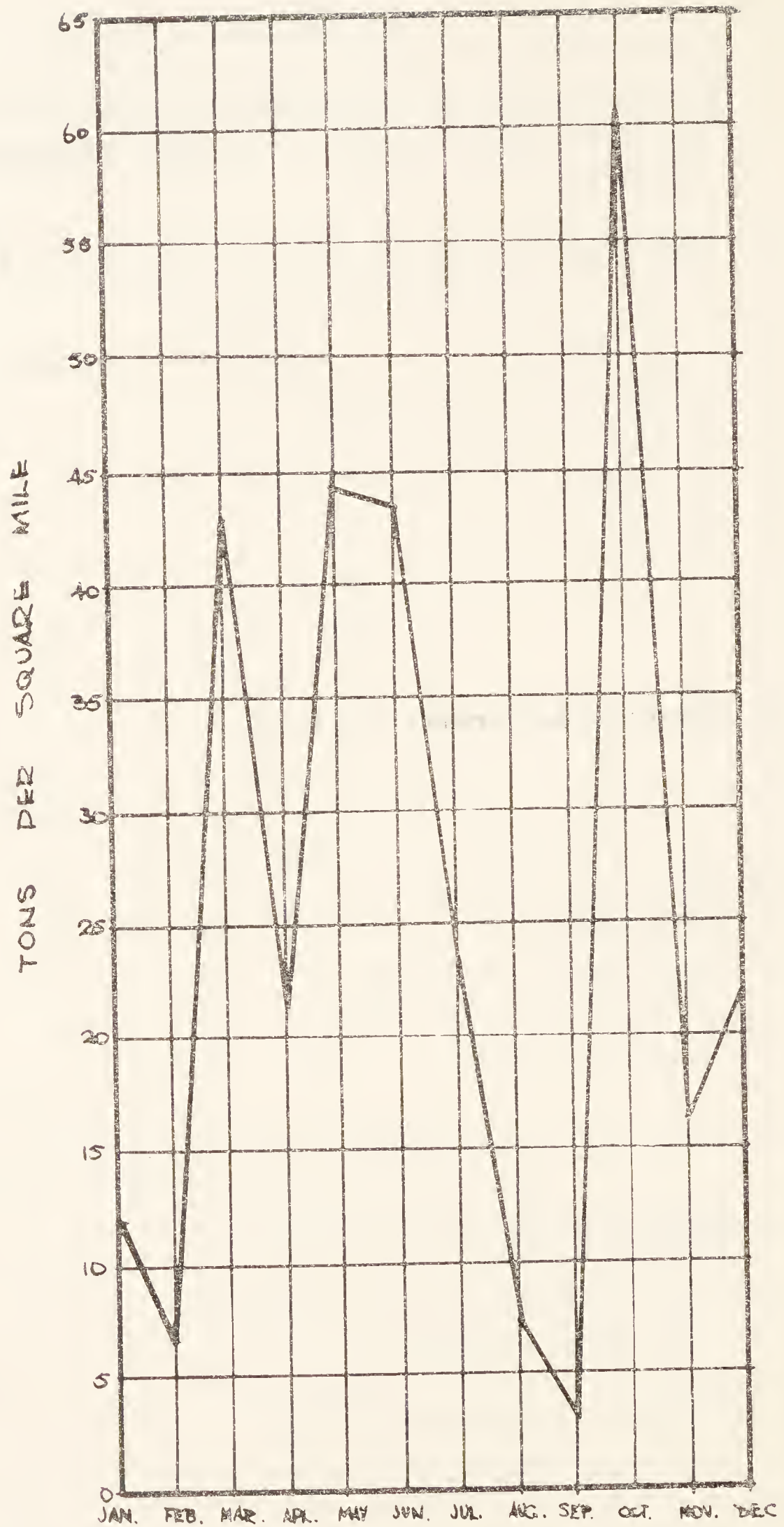
3. Means of Escape in Case of Fire. (Position at end of year.)

| | |
|--|----|
| No. of factories requiring certificates | 2 |
| No. of certificates issued | 18 |

4. Outwork. Sections 110 and 111.

| | |
|-----------------------|----|
| No. of Outworkers ... | 14 |
|-----------------------|----|

ATMOSPHERIC POLLUTION. Monthly Deposit Chart, January to December, 1959. Brook Street, Oswaldtwistle.



The atmospheric pollution gauge at Brook Street, Oswald-twistle, was set up in May, 1952, and the above chart shows the monthly deposit in tons per square mile.

| | |
|--|------------|
| Lowest monthly deposit—September | 3.82 tons |
| Highest monthly deposit—October | 60.17 tons |
| Average monthly deposit | 25.46 tons |

HOUSE REFUSE COLLECTION & STREET CLEANSING

1st April, 1959 to 31st March, 1960.

The following are the costs of house refuse collection and disposal.

| | | | | | | 1959-60 |
|---------------------|-----|-----|-----|---------------|-----|--------------|
| | | | | | | £ |
| Wages of Workmen | ... | ... | ... | ... | ... | 5257 |
| Motor Transport | ... | ... | ... | ... | ... | 2890 |
| Insurance | ... | ... | ... | ... | ... | 418 |
| Superannuation | ... | ... | ... | ... | ... | 330 |
| Tools | ... | ... | ... | ... | ... | 98 |
| Protective Clothing | ... | ... | ... | ... | ... | 93 |
| Printing | ... | ... | ... | ... | ... | 29 |
| Tyres | ... | ... | ... | ... | ... | 122 |
| Garages | ... | ... | ... | ... | ... | 162 |
| Sundries | ... | ... | ... | ... | ... | 8 |
| | | | | | | <hr/> 9407 |
| | | | | Less Receipts | ... | 710 |
| | | | | | | <hr/> £8,697 |

House Refuse Disposal.

| | | | | | | £ |
|--------------|-----|-----|-----|---------------|-----|--------------|
| Rent of Tips | ... | ... | ... | ... | ... | 60 |
| Wages, Rates | ... | ... | ... | ... | ... | 1073 |
| Maintenance | ... | ... | ... | ... | ... | 501 |
| | | | | | | <hr/> 1634 |
| | | | | Less Receipts | ... | 94 |
| | | | | | | <hr/> £1,540 |

Total, House Refuse Collection and Disposal, £10,237.

Number of Houses Cleansed.

| | | | | | |
|---------|---------|---------|---------|---------|---------|
| 1942 | 1943 | 1944 | 1945 | 1946 | 1947 |
| 209,907 | 208,716 | 186,712 | 173,320 | 169,473 | 166,410 |
| 1948 | 1949 | 1950 | 1951 | 1952 | 1953 |
| 181,137 | 199,944 | 244,337 | 240,412 | 227,974 | 209,014 |
| 1954 | 1955 | 1956 | 1957 | 1958 | 1959 |
| 182,993 | 214,751 | 242,374 | 259,746 | 258,080 | 264,006 |

| | |
|---|---------|
| Estimated number of tons removed | 7,438 |
| Estimated weight per 1,000 persons (tons) | 620 |
| Estimated weight per house per cleaning | 63 lbs. |
| Cost per house per cleaning | 9.3d. |
| Cost per estimated ton (collected) | 23/5d. |
| Cost per estimated ton (disposal) | 4/2d. |
| Cost of collection per 1,000 persons | £725 |
| Cost of disposal per 1,000 persons | £129 |

Net cost of collection and disposal equivalent to rate in pound of 1s. 9.41d.

Number of men employed: Loaders, 7 men; drivers, 3 men.

Street Cleansing.

The following shows the mileage of the roads and streets which are cleansed by the Health Department:—

| | |
|---------------------------------------|-------------|
| Blackburn Road (A679) | 1.96 miles |
| Union Road and New Lane (B6231) ... | 1.22 „ |
| Stanhill and Stanhill Lane (B6234) .. | 1.02 „ |
| Class III Roads, No. 1 and 3 | 0.96 „ |
| Public Streets | 10.85 „ |
| | <hr/> |
| | 16.01 miles |
| | <hr/> |

Expenditure.

Public Streets.

| | | | | | | 1959-60 |
|----------------------|-----|-----|-----|-----|-----|------------------|
| | | | | | | £ |
| Wages, Public Street | ... | ... | ... | ... | ... | 446 |
| Gully Cleansing | ... | ... | ... | ... | ... | 387 |
| Brushes and shovels | ... | ... | ... | ... | ... | 7 |
| Protective Clothing | ... | ... | ... | ... | ... | — |
| Insurance | ... | ... | ... | ... | ... | 22 |
| Printing | ... | ... | ... | ... | ... | 8 |
| Transport | ... | ... | ... | ... | ... | 3 |
| Truck Repairs | ... | ... | ... | ... | ... | — |
| Sundries | ... | ... | ... | ... | ... | 5 |
| Superannuation | ... | ... | ... | ... | ... | 20 |
| Litter Bins | ... | ... | ... | ... | ... | 8 |
| New Trucks | ... | ... | ... | ... | ... | — |
| | | | | | | <hr/> £906 <hr/> |

Cost per mile, £84.

Net cost equivalent to rate of 1.9d.

Men employed on street cleansing: Part-time, 1; full-time, 3.

Details of Salvage collected and sold during 1959-60.

| | | | | | £ | s. | d. |
|---------------------|-----|-----|-----|-----|------------|----|---------|
| Paper | ... | ... | ... | ... | £563 | 3 | 3 |
| Rags, carpets, etc. | ... | ... | ... | ... | £86 | 18 | 1 |
| | | | | | <hr/> £650 | 1 | 4 <hr/> |

